



## SYNC BOILER PRODUCT SUMMARY

(SB) 1,000,000-1,500,000 BTU/HR

	SB-1000	SB-1300	SB-1500
<b>WATER</b>			
GALLON CAPACITY	8.4	10.0	11.4
HEATING SURFACE (SQ. FT.)	101.6	115.6	130.6
INLET WATER CONNECTION	2" x 2"	2" x 2"	2" x 2"
OUTLET WATER CONNECTION	2-1/2"	2-1/2"	2-1/2"
DRAIN	3/4"	3/4"	3/4"
20°F ΔT WATER FLOW (GPM) *	55	65	74
HEAD LOSS (FT. OF HD.) *	31	30	33
35°F ΔT WATER FLOW (GPM) *	32	37	42
HEAD LOSS (FT. OF HD.) *	13	11	12
MAX. WORKING PRESSURE (PSI)	160	160	160
# OF RELIEF VALVES	1	1	1
RELIEF VALVE SIZE	1"	1"	1"
RELIEF VALVE RATING (MBH)	1,954	1,954	1,954
RELIEF VALVE PRESSURE RATING (PSI)	50	50	50
<b>GAS</b>			
INLET CONNECTION	1-1/2"	1-1/2"	1-1/2"
MAX. INLET PRESSURE, NAT	14" w.c.	14" w.c.	14" w.c.
MIN. INLET PRESSURE, NAT	5" w.c.	4" w.c.	4" w.c.
MAX. INLET PRESSURE, LP	14" w.c.	14" w.c.	14" w.c.
MIN. INLET PRESSURE, LP	8" w.c.	8" w.c.	8" w.c.
BTU/HR INPUT	1,000,000	1,300,000	1,500,000
BTU/HR OUTPUT (HIGH FIRE)	940,000	1,222,000	1,410,000
BTU/HR OUTPUT (LOW FIRE)	94,000	122,200	141,000
<b>ELECTRICAL</b>			
VOLTAGE/HEATER	120	120	120
VOLTAGE/CONTROL	24	24	24
TOTAL AMPS	5.5	5.5	5.5
# OF ELECTRICAL CONNECTIONS	1	1	1
<b>DIMENSIONS</b>			
HEIGHT	58-3/4"	58-3/4"	58-3/4"
WIDTH	31"	31"	31"
DEPTH	48"	52-1/4"	55-1/2"
<b>SERVICE CLEARANCES</b>			
FRONT	31"	31"	31"
BACK (PIPING)	24"	24"	24"
RIGHT SIDE	0	0	0
LEFT SIDE	0	0	0
TOP	13"	13"	13"
<b>DIRECT VENTING</b>			
SIZE	6"	6" / 7"	6" / 7"
VENT CATEGORY	IV	IV	IV
VENT MATERIAL	PVC/CPVC/SS	PVC/CPVC/SS	PVC/CPVC/SS

\* The flow rate and head loss values listed here are for each of the boiler's heating modules.